

STORAGE SYSTEMS - RESIDENTIAL / COMMERCIAL / E-MOBILITY



Inverter Manufacturer	System size [kWp]	Storage Inverter Type	Manufacturer Compatible Storage	Storage Type	Suitable for			Power [kW]		Usable Storage Capacity [kWh]	Capacity can be expanded afterwards	Emergency Power Funct.	System information
					Residential	Commercial	E-Mobility	Charge	Discharge				
ABB 	5.0 to 6.0	ABB REACT-2-UNO-3.6-TL ABB REACT-2-UNO-5.0-TL	ABB 	ABB (integrated)	☀️			1.6 to 4.8	2.0 to 5.0	4.0 to 12.0	yes	yes	Single-phase DC coupled Storage System
Fronius 	DC: 2.4 to 8.0 AC: no limitations	Fronius Hybrid 3.0-3-S Fronius Hybrid 4.0-3-S Fronius Hybrid 5.0-3-S	Fronius 	Solar Battery 4.5 to Solar Battery 12.0	☀️			2.4 to 5.0	2.4 to 5.0	3.6 to 9.6	yes	yes	Three-phase DC coupled or AC coupled storage system with external battery
		Fronius Hybrid 3.0-3-S + Checkbox Fronius Hybrid 4.0-3-S + Checkbox Fronius Hybrid 5.0-3-S + Checkbox	LG Chem 	Resu 7H	☀️			3.5	3.5	6.6	no	no	
			Resu 10H	☀️			5.0	5.0	9.3	no	no		
Kostal 	6.3 to 15.0	Plenticore Plus 4.2 / 5.5 / 7.0 / 8.5 / 10	Kostal 	Piko Battery Li 3.6 to Piko Battery Li 9.6	☀️			1.8 to 4.9	1.8 to 4.9	3.2 to 8.6	yes	no	Three-phase DC coupled hybrid inverter with optional battery activation
			BYD 	B-BOX H 6.4 to B-BOX H 11.5	☀️			3.3 to 6.0	3.3 to 6.0	6.4 to 11.5	yes	no	Three-phase DC coupled hybrid inverter with optional battery activation
LG Electronics 	6.6 (3.3 per String)	LG ESS	LG Electronics 	LG ESS	☀️			3.0	3.0	5.8 to 11.5	yes	no	Three-phase DC coupled storage system with external battery
SMA 	no limitations	SMA Sunny Island 4.4M SMA Sunny Island 4.4M SMA Sunny Island 6.0H SMA Sunny Island 8.0H	LG Chem 	RESU 3.3 to RESU 10	☀️			3.0 to 3.3	3.0 to 3.3	2.9 to 8.8	yes	no	Parallel connection with RESU PLUS Box possible (max. two storages)
			Axitec 	AxiStorage Li 7S, Li 9S, Li10S	☀️	☀️	☀️	3.3 to 18.0	3.3 to 18.0	5.4 to 96.0	yes	yes, 1 and 3 ph	Single- and three-phase system configuration possible. Off-grid capable
			BYD 	B-Box 2.5 to B-Box 13.8	☀️	☀️	☀️	2.5 to 18.0	2.5 to 18.0	2.5 to 124.2	yes	yes, 1 and 3 ph	Single- and three-phase system configuration possible. Capacity can be expanded indefinite in time. Off-grid capable
			BYD 	B-Box L 3.5 to 14.0	☀️	☀️	☀️	3.0 to 18.0	3.0 to 18.0	3.5 to 42.0	yes	yes, 1 and 3 ph	Can be flexibly scaled (3.5 / 7.0 / 10.5 / 14 kWh)
	no limitations	SMA Sunny Boy Storage 2.5 / 3.7 / 5.0 / 6.0	LG Chem 	RESU 7H RESU 10H	☀️			2.5 to 3.5 2.5 to 5.0	2.5 to 3.5 2.5 to 5.0	6.6 9.3	yes	yes, 1 ph, except SMA Sunny Boy Storage 2.5	Simple installation
BYD 	B-BOX H 6.4 to B-BOX H 10.2	☀️			2.5 to 5.0	2.5 to 5.0	6.4 to 10.2	no	no	Can be flexibly scaled (6.4 / 7.7 / 9.0 / 10.2 kWh)			
SolarEdge 	no limitations	1ph Inverter (DC) / SE3680H (AC) / SE5000H (AC) / + StorEdge Interface	LG Chem 	RESU 7H RESU 10H	☀️			3.5 5.0	3.5 5.0	6.6 9.3	no	no	DC coupled storage system / AC coupled storage system / + external battery
SolaX 	3.0 to 16.5	SolaX Power X-Hybrid SK-SU3000E SolaX Power X-Hybrid SK-SU3700E SolaX Power X-Hybrid SK-SU5000E	Pylontech 	US2000B+	☀️			1.5 to 5.0	1.5 to 5.0	2.2 to 13.2	yes	no	Can be flexibly scaled up to 13.2 kWh (6 x 2.2 kWh)
			LG Chem 	RESU 3.3 to RESU 10	☀️			3.0 to 5.0	3.0 to 5.0	2.9 to 8.8	yes	no	Parallel connection with RESU PLUS Box possible (max. two storages)
			BYD 	B-Box 2.5 to B-Box 10.0	☀️			2.5 to 5.0	2.5 to 5.0	2.5 to 10.2	yes	no	Capacity can be expanded indefinite in time
	6.0 to 13.0	X3-HYBRID 5.0-T / 6.0-T / 8.0-T / 10.0-T	Pylontech 	H48050	☀️	☀️		3.6 to 10.0	3.6 to 10.0	7.7 to 28.8	yes	no	Three-phase system configuration
			SolaX 	T-BAT H	☀️	☀️		3.0 to 12.0	3.0 to 12.0	4.0 to 22.4	yes	no	Three-phase system configuration